

OPTIONAL INFORMATION	
Name of School:	Date of Inspection:
Vocational Program/Course/Room:	Signature of Inspector:

## WOODWORKING MACHINERY - GENERAL REQUIREMENTS SELF INSPECTION CHECKLIST

**Guidelines:** This checklist covers some of the regulations issued by the U.S. Department of Labor - OSHA under the General Industry standard 29 CFR 1910.213 and the Construction standard 29 CFR 1926.304. All of these regulations were adopted by reference. It applies to all wood working machinery. **This checklist must be used in conjunction with the checklist "Machines - General Requirements."** Any question marked with the symbol (⊗) indicates a history of previous violations in vocational schools.

General Machine Construction		<u>Please Circle</u>
1.	Is each machine constructed and installed so as to be free from sensible vibration when the largest sized tool is mounted and run at full speed? [29 CFR 1910.213(a)(1)]	Y N N/A DK
2.	Are arbors and mandrels constructed so as to have firm and secure bearing and free from play? [29 CFR 1910.213(a)(2)]	Y N N/A DK
3.	Are saw frames on tables constructed with lugs cast on the frame or with equivalent means to limit the size of the saw blade that can be mounted, so as to avoid overspeed caused by mounting a saw larger than intended? [29 CFR 1910.213(a)(5)]	Y N N/A DK

Comments/Corrective Action
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| 4.  | Are circular saw fences so constructed that they can be firmly secured to the table without changing their alignment with the saw? [29 CFR 1910.213(a)(6)]  | Y N N/A DK |
| 5.  | Are circular saw gauges so constructed as to slide in grooves or tracts that are securely machined, to ensure exact alignment with the saw for all positions on the guide? [29 CFR 1910.213(a)(7)]  | Y N N/A DK |
| 6.  | Are hinged table saws so constructed that the table can be firmly secured in any position and in true alignment with the saw? [29 CFR 1910.213(a)(8)]   | Y N N/A DK |
| 7.☹   | Are all belts, pulleys, gears, shafts, and moving parts guarded? [29 CFR 1910.213(a)(9)]  | Y N N/A DK |
| 8.  | Is each woodworking machine provided with a disconnect switch that can be locked on the off position. [29 CFR 1910.213(a)(10) and 1926.304(a)]  | Y N N/A DK |
| <p>Note: The Construction standard 1926.304 permits a disconnect switch that can be tagged in the off position.</p> |   |            |
| 9.  | Are the frames of all exposed noncurrent-carrying metal parts grounded? [29 CFR 1910.213(a)(11)]  | Y N N/A DK |
| 10.☹  | Where there is a possibility of contact with the portion of a circular saw to that portion of the blade either beneath or behind the table, is that portion of the saw covered with an exhaust hood or guard so as to prevent accidental contact with the saw? [29 CFR 1910.213(a)(12)] | Y N N/A DK |
| 11.   | Are revolving double arbor saws fully guarded? [29 CFR 1910.213(a)(13)]   | Y N N/A DK |

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| 12. | Is the placement and mounting of saws, cutter heads, or tool collars on machine arbors accomplished when the tool has been accurately machined to size and shape to fit the arbor? [29 CFR 1910.213 (a)(14)] | Y N N/A DK |
| 13. | Are combs (featherboards) or suitable jigs provided at the shop for use when a standard guard cannot be used, as in dadoing, grooving, joining, moulding, and rabbetting? [29 CFR 1910.213(a)(15)]           | Y N N/A DK |
| 14. | Is the operating speed etched or otherwise permanently marked on all circular saws over 20 inches in diameter and operating at over 10,000 peripheral feet per minute? [29 CFR 1926.304(b)]                  | Y N N/A DK |
| 15. | Do woodworking tools and machinery meet the American National Standards Institute (ANSI) codes for safety? [29 CFR 1926.304(f)]  | Y N N/A DK |

Note: A label on the equipment or manufacturer's literature might indicate that it meets ANSI's standards. If there is doubt, the manufacturer of the equipment will have to be contacted.

**Machine Controls and Equipment**

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| 16. | Are mechanical or electrical power controls provided on each machine to make it possible for the operator to cut off the power without leaving his or her operating position? [29 CFR 1910.213(b)(1)] | Y N N/A DK |
| 17. | On machines driven by belts and shaftings, is a locking-type belt shifter or equivalent positive device used? [29 CFR 1910.213(b)(2)]   | Y N N/A DK |

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| 18. | Is each operating treadle protected against unexpected or accidental tripping? [29 CFR 1910.213(b)(6)]   | Y N N/A DK |
| 19. | Are automatic feeding devices installed on machines whenever the nature of the work permits? [29 CFR 1926.304(c)]  | Y N N/A DK |
| 20. | Do feeder attachments have the feed rolls or other moving parts covered or guarded as to protect the operator from hazardous points? [29 CFR 1910.213(b)(7) and 1926.304(c)] | Y N N/A DK |

**Inspection and Maintenance  
of Woodworking Machinery**

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| 21. | Are dull, badly set, improperly filed, or improperly tensioned saws immediately removed from service, before they begin to cause the material to stick, jam, or kickback when it is fed to the saw at normal speed? [29 CFR 1910.213(s)(1)] | Y N N/A DK |
| 22. | Are saws with adhered gum cleaned immediately? [29 CFR 1910.213(s)(1)]  | Y N N/A DK |
| 23. | Are all knives and cutting heads of wood-working machines kept sharp, properly adjusted and firmly secured? [29 CFR 1910.213(s)(2)]   | Y N N/A DK |
| 24. | Are all bearings well lubricated and kept free from lost motion? [29 CFR 1910.213(s)(3)]  | Y N N/A DK |
| 25. | Are arbors of circular saws free from play? [29 CFR 1910.213(s)(4)]   | Y N N/A DK |
| 26. | Is sharpening or tensioning of saw blades or cutters done only by people of demonstrated skill in this kind of work? [29 CFR 1910.213(s)(5)]  | Y N N/A DK |

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| 27. | Is cleanliness maintained around woodworking machinery so as to not interfere with the functioning of guards and to prevent fire hazards in switch enclosures, bearings and motors? [29 CFR 1910.213(s)(6)] | Y N N/A DK |
| 28. | Are all cracked saws immediately removed from service? [29 CFR 1910.213(s)(7)]  | Y N N/A DK |
| 29. | Is the practice of inserted wedges between the saw disk and the collar to form what is commonly known as a "wobble saw" prohibited? [29 CFR 1910.213(s)(8)]   | Y N N/A DK |
| 30. | Are push sticks or blocks provided at workplaces in several sizes and types suitable for the work to be done? [29 CFR 1910.213(s)(9)]   | Y N N/A DK |

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